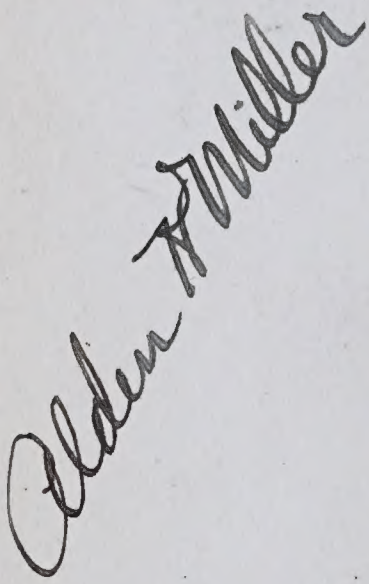
Alden A Miller

50

Note Book
Summer '23

Owens Valley, Mammoth

June 30.

Mono Lake

Sat. June 30

Left. L. R. 11/35 oclock passed thru Mint Canon, Mojave to Red Rock Canon 13 5 mi. Made camp in the canon.

The desert was rather dry and fairly warm with a strong west northerly wind.

Saw a Le Conte Thrasher fly across the road near Mojave. The Red Rock Canon was very interesting and beautiful. The formation is chiefly sandstone, gray, red, red purple. Much eroded. The Canon appears to be

June 30 & July 1

a good place for Falcon and Owls as there is good surrounding desert country. There is some alkalie seepage in the cañon and the road is not too sandy. Red Tail Hawk seen in the cañon. This whole country is desert: the cañon having typical desert plants. Ird Yucca creosote etc.

Sunday July 1st Saw a few birds in the morning but it was rather quiet in the night Moon made a wonderful effect

July 1

Raven family

at night on the cliffs.
Ash. throated Flycatcher
White throated Swift
Rock wren seen.
The cliffs are inhabited
by many rats. Had
a kangaroo rat in camp
all ~~today~~ night. Broke
camp at 8.45 climbing
out of Red Rock cañon
onto ~~p~~ desert plateau
which is at the base of
Owens valley proper.
Crossed the aqueduct
several times as it went
up the cañon. The weather
is much cooler with same
breeze as yesterday. Near
Fireman at the base

July 1

of Walker Pass we found a freshly killed female badger in the road, and stopped to skin it. Entered the canon which is rather narrow and desert like with lava outcrop in the valley and to the east. The aqueduct was visible most of the way either on the side of the hills or in the settling basin in the valley. The trees constantly [illegible] lower on the mtd. Ele at Orlando 1 p.m. 46° Ele. 3649 weather warm no wind. Heard a Robin singing

July 1

at Ordaneba. Travelled as far as Bishop camped in an out of the way camp 2 mi S of Bishop. The mountains near Lone pine and up are wonderful snow capped and jagged. Saw Whitney. Owens Lake was very dry and bad smelling. From Lone Pine up the country is less desert and more mountain water. There is a great deal of fine water. Elev. 4100 at camp. There are a few pines along the sides but not in the valley proper.

July 1

The trees in the valley above Lone Pine were principally willow and ash. Planted trees poplar and locust. The valley broadens at Bishop and there is another lava outcrop. The road is fair a small part being one way paved. The bird life is rather mingled. Birds seen between Lone Pine and Bishop.

Vigor's Wren, Lazuli Bunting
Meadowlark, W Robin nesting
Ring Pheasant Road Runner
Rac. Nighthawk?, Wood Pewee
Kingbird, Eng Sparrows,

July 1 July 2

Lark Sparrow. Linnet, Goldfinch ark.
Cuckoo, Cal. Quail, Nev? Cowbird
Chipping Sparrow, Yellow Warbler
Dove, Sparrow Hawk. This
Cowbird has a distinctive
note much higher pitch and
clearer with a new note
besides. We positively
identified the cuckoo saw
and heard. It gave the
clacking note. The cuckoo
was in the locusts all the
time. Traill Flycatcher, Rwg. Blkd
Red Wing Blkd, Bull. Oriole.
2nd Left Bishop in the
morning and travelled
thro Owens Valley until
we reached the point
where the river cuts

July 2

thru the hills. The road climbs up to about 6000 among yellow and pinon pine. Continued to climb passing thru meadows and sage brush at 7000 found Savanah sparrow nest in meadows. Saw White br. Bluer and scared up wilson snipe. Found a nest built out of the water which looked very much like rail. Heard some species of small rail call. Continued to Mammoth at 7900. There appears to be no transition zone as above

July 2

mammoth boreal is reached. Made camp in the mammoth basin above mammoth at 9000 ft. Many little lakes and much snow, peaks nearby 11000 ft country timbered with tamarack, fir, hemlock. There are not many meadows. The season seems late few flowers and grass. Found White Cr nests. Many Cassin Purple finch singing no nests found. Audubon warbler (singing) Clark Crow, Chickadee, St. C. Nuthatch, Red br. Nuthatch Wood Pewee, Empidonax (wrightii ?)

July 2 July 3

Spotted Sandpiper, ~~Cat~~ Mt. Hairy Woodpecker, W Yellowthroat, White head Woodpecker seen.

July 3. Went up mammoth ridge to Mt Lincoln. Many snowbanks and ideal rockslides but saw only five Leucosticte evidently did not find colony. Hunted as high as 10,500 ft. Saw Solitaire both Kinglets, Pip Warbler and found what apparently is a empidonax nest building. Saw over into Pass and Yosemite Country. The whole country is well timbered and there are many lakes with snow

July 3 July 4

covering a large part of the ground. There is an volcanic formation at the top of the crest. Saw Mountain bluebird at the crest and at the lakes.
July 4. Went around Lake Marie in the morning. Found the first Purple Finch nest Building it is evedent that very few of the birds are nesting yet. Found set of three finch eggs and a nest of three young. Found a second possible P. Finch building. Found a solitaire nest on a cliff near the inlet

July 4

nest about ~~+2 ft~~ up. Could not at the time investigate but no bird was sitting. Saw a solitaire nearby yesterday. Found another white throated nest in hemlock (small) and took it. Found 2 pair of spotted sandpiper at the second East inlet and dad shot both females. One had egg about ready to lay but with a thin shell and few dots. The other bird was not as far advanced but was seen strutting as a male bird. Found a philadelphia warbler nest (see data).

July 4

Spent afternoon blowing. It is possible that the majority of the "Red" Warblers, Finches have not nested yet. found it photo & nest collected

July 5

Went to Devils post Pile. Passed thru Mammoth Pass 9500 ft. Timber lodgepole and pin with hemlock and mountain dowon the slope to Red's meadows and San Joaquin R. 7000 ft. The devils post pile very interesting and beautiful. The post are basalt lava 6 sided and perhaps 30 ft high. There are many beside those standing erect that are buried

July 5

and fallen down. Saw a pair of young Red-tails on the ground being fed that could not yet fly. The nest could not be seen. Several pairs of Lincoln sparrows ~~see~~ with young in Red's Meadow males singing. On the Fir timber slope below the pass were many kinglets both species singing. Found R.-Cr. Kinglet building in fir 15 ft up in dead top (pendent nest). Saw first Olive-sided Flycatcher and Linnill. Warbling Vireo more common at this lower altitude than at camp.

July 6

The weather turned windy cold and cloudy a so we went down and camped near Mammoth. Wind blew all day but the camp in the Aspens gave some shelter. Season farther advanced Fox Sparrow Grey-tail Junco have young. Lincoln sparrow and yellow Warbler present with purple finch and Knight. Brewer Blackbird and Barn Swallow present. Collected June 6 before leaving lake Mary camp and found purple finch still there. Also saw solitaire but did not investigate nest

July 6 - 7

as no bird was sitting.
Took 5 Hermit Thrush 3
and 4 Hypolais 4 with
bird for identification
(see data) There is open
country with Meadow
Sage near new camp
where the Green Tail, Fox
Sparrows and Brewer sparrows
are resident. Found at
L. Mary's inlet a C. Sparrow
nest on the ground like
a Junco 4 pale eggs.
Green back Goldfinch, has
singing at Mammoth
Elev 7900 ft

July 7.

Wind subsided in the
morning. Went out

July 7

over the sage flat.
Saw Savanah Sparrows
with young and killed
in a small meadow.
Young W. Bluebird shot
Yard Brwer Blackbird young
seen. Also some sort of
red-wing present.
In the brush were
Brewers (4 nests found)
Sparrows. Vesper Sparrows
present and singing
it appeared as tho
they were not nesting
or else flushing from
ground nests at a great
distance. Found one
nest of young on ground
nest large Spread over

July 7

ground with only a small hollow at the base of the bush. The sticks were simply matted around on the level ground. This is probably a typical nest. It is probable that most of the birds are not yet nesting or if they are flush either very close (6 in) as this bird did or else at too great a distance for spot the situation. Found several green teals nests mostly laying (one incubated of 12 eggs).

July 7

The green-tails flush by running along the ground looking like Chipmunks. Sage Thrashers seen evidently mating as they were singing and flying wildly together continually. Saw a linnet. Mrs at store reports Sage Grouse down towards Driber says they were formerly most common at Yellowstone. Afternoon went up valley towards Mill Creek camp. Found a knight nest with eggs and young in a fir tree 20 ft up by watching male bird.

July 7

noted that he always
sang in the same
clump of trees and began
giving scolding note
when I sat under the
nest tree a slight search
discovered the nest. Female
flushed on touching limb.
At least 8 eggs and young.
Nest almost a ball of moss
covered over on top with
loose feathers. Nest a light
gray color rather invisible.
Found Calliope hummer
nest in typical situation
under a tamarack limb
15 ft up. Eggs too much
incubated to take.
Discovered Tanagers building

July 7 July 8

Found Robin with 3 fresh eggs will take tomorrow
Saw Sierra Sapsucker Sparrow Hawk, Marsh Hawk Above-side Flycatcher, Poor Will
July 8 Went after Vesper Sparrows but without luck. Believe that the birds sit very tight if nesting. It is possible that many are not nesting. Jumped a white tailed Jackrabbit.
Collected set of three Brewer Sparrow and found another set of three. Collected set of three robin.

July 9

Spent the morning hunting the Vesper's nests but without success. Took three birds the males were very active but a female was not. Van arrived at 11.30 Spent afternoon skinning and found yellow warbler building and Calliope Hummer with one egg this must be a disabled nest. Spent fair amphidonax nest with 2 eggs (in the willows) as Braill.

July 10

Went to Whitemud's Tub after Sage grouse. Saw five in all.

July 10

between the river and the tubs. Van shot three birds as they all rose at his end of the drive. Birds are extremely large and slow at rising from the ground all birds seen were males. 3 in one flock 2 in other. Birds flush at about 20 ~~ft~~ yd's. Found sage thrasher nest (see data) Seen N. Sage Sparrow. In the meadows found Wilson Phalarope with young in the grass. Males oddly were seen the birds would fly over them at a distance

July 10 July 11

would settle by the young three males seen. Numbr Red Wings taken at meadows. Shinned Sag Grouse remainder of the afternoon.

11) Went up to the Lakes for the day very little bird life present. Nothing doing at the Goldeneye nest. Took set of Purple Finch and Wright Flycatcher (see data). Found a heavily incubated marked set of Spotted Sandpiper but left them. Went after Leucosticte but saw none. The Cassin Finches have nearly all

July 11 July 12

stopped singing. Heather and other flowers beginning to bloom. Set of White Br. Sparrow on the ground found the day we left. Ice lakes was lacking. Collected set of Trail & Lyen Edw. Purple finches quiet here. have egg and young now

12 Went to the Whitmore tubs and big meadows. Found a set of four Sag Thrushes captured one young bird of the same. Dragged for Savanah sparrow but most had young altho "Ian"

July 12

shot one with egg in it. Heard the clacking of the Yellow rail in the deep flooded grass but could not flush it. Note sounds like cardinals. Flushed Virginia or Sora. Many horned larks and young. Flushed a family of Sage Grouse in sage about 6 young, two probably injured. Old bird flushed first with a clucking note. The female is only $\frac{2}{3}$ the size of ♂ and the young were $\frac{1}{2}$ her size. "Ah" shot two young.

July 13

Went to Hot Creek late in the morning. The creek cuts thru a lava range. In the bottom are many hot springs a small geyser 5' high (that flows very constantly) and a rainbow pool. Many beautiful deposits of minerals are present. The water is principaly sulfurated. A large hot spring in the river heats the water below. Many rock wrens barn swallows cliff swallows nesting in the cañon. Say phoebe? sun. Nevada Red wing

July 13 -14

in tuhs along stream. The country above is a lava upheaval with a few scatted junipers ground covered with the artemisia. In this country saw Prairie Falcon. Bl Billed Magpie Pinon Jay. Between the hills and the river is good grouse country. Desert Sparrows present in the hills. Collected here 4 set of three Gun Tail Towhee (see data) went to Play ground camp for supper.

July 14

Went fishing in the morning. afternoon

July 14 — 15

went thru marby meadow for sparrows for "Van". Flushed a M. Quail that had a flock of young. Flushed a Fox Sparrow which appeared to have a nest will return and locate definitely if possible Song flock.

July 15 Went early to Whitmores after grouse hunted thru all types of country and found grouse everywhere. Saw young, hens, mainly about 20-25 birds in all. Am coming to ~~double~~ flock of young the

July 15

the two Lens advanced towards us to meet us. Got a set of Sage Thrasher. ~~Afternoon~~ saw first woodchucks in sage near a meadow at Whitmore's. Afternoon skinned grouse; went to investigate fox sparrow location discovered yesterday but no birds present. Went Lanager sight and obtained a set of nine eggs with difficulty. The nest was very poor and evidently contained eggs when found on July 7.

July 16 – 17
Went butterflying in the morning. Went up thru the trail to twin lakes a short distance. The country is very beautiful, cienegas and red fir forests. Found a Towees nest and took it. Also took the set of Calliope that had been seen building near camp (see data)
July 17 1923 Took a trip to the Kinglet nest in Red's Meadow. Saw very little bird life but did discover that the small birds

on this west slope respond to the taggy And note as I did not do on the eastern side. Kinglet nest collected with set of 5 fresh eggs complete. Bird shot was then laying. This female had a few red feathers in the crown but the specimen was too much shattered to preserve. There is more bird life on the west slope altho not much anywhere Went fishing in the late afternoon.

18

Took another trip to Whitmore tub region. Saw five male grouse in a draw going down to the river. Shot one male bird. The male night hawk could not be flushed as was hoped for from the nest that the female was shot July 16. Went down to an alkalie marsh below & flair of about with spring. No more Phalaropes seen. Savanah sparrows here are bleached by the alkalie found and took set of three sage thrasher

18 - 19

and found several birds still building. Visited a colony of cliff swallows on the east cliffs on the way back and found them still building. Saw another swainson hawk down the valley. The swainson near camp is seen nearly every day. Baldwins arrived in the afternoon

July 19

Went out in the morning to collect a few specimens. Later went to hot creek. Saw nothing of particular

interest. The Calaveras Warbler is still singing around camp also Pine Siskins and Evening Grosbeaks in camp. Found a kinglets nest in the tree over camp the young are ready to leave the nest. They sound very much like a flock of waxwings and the individual note sounds like a Golden Crown Kinglet or a Creeper. Saw the flock of Pine again in the same locality as before.

July - 20

Went to the sawmill and earthquake fault. The fault was undoubtedly made by an earthquake. It is a very deep ravine yash in the red rock. Went on up thru the woods, (principally yellow pine fir, Lanarch lightly up) to the summit of divide at about 9:30 on a fine auto road thru the pines (easy grade. Old mines keeps the road up. The forest at the pass is rather open

of life many large
trout Saw. Wonderful
panoramic view of
the mineret Kelly
ridge and San Joaquin
river. Saw the Kinsey
glacier. Found a nest
of young Audubon Warbler
ready to leave the
nest. Nest 12 ft up
2 ft from the trunk
on a 1½" limb in a
Hemlock tree 8" diam.
The rangers are to have
an outlet thru the
mineret railway which
is to put up the river
valley below for Sugar
Pine Camp and Kibbie

20 21

ore. Mines located in the pass at the foot of Mammoth Peak. Snow banks all about. Many bungees in the forests below. Young Kinkaid left the train.

21 Spent the whole day heading and making main camp at Lake Mary (South side or a mile road on this side. Found a Bluebirds nest with young in a tree ~~hole~~ hole (8 ft up)

July 22.
Went to the crest above the lakes after breakfast ascended ridge to 11000 ft but saw only 2 birds feeding on a snow bank on the crest. One bird was shot by "Van". On return went along the base of the granite cliffs at the west end here in the cliffs rockslide grass slope country found a large flock of birds feeding principally finches. The flock stayed fairly near the cliffs by a circle. Several birds collected

22-23-

some breeding recently
Gtus obviously last
breeding. Evidently this
is simply a good feeding
ground near the nesting
cliffs the nest are
evidently scattered along
the cliffs as birds fly
back and forth. It
is barely possible that
some females are
still sitting and the
males feeding them
occasionally. At 4800

23. Went up to the
east of Georgs butte
to the rockslides and
cliff. Very fine places
a many birds nest

23 - 24

although more scattered
2 families of nearly
full grown young
found & bird collected
by "Van" including 3
juv. The birds were
heard to sing ~~[illegible]~~
The song was a simple
repetition of a Canon Wren
Call note accompanied
by a strut (spreading
and dragging the wings)
Country much the
same being however
higher and wilder more
rocky country elev. 10600
Weather clouds
24 Weather cloudy went
to the same country

as yesterday and worked east instead of west. Birds acted much different today and would not come close to a whistle or shot but seemed continually flying. Some birds I observed evidently travelling down & low feeding ground to young in the cliffs. It was found in the last two days that the birds must have rockholes preferably granite. Cut 2 in a high granite cliff 300 ft high Halfway up

24, 25

heard young birds and saw old bird feed. Nest in a deep crack. Old bird flew directly to and from the nest very swiftly. Evidently the bird was feeding far below, Nest elev. over 11000 ft. Birds fly much like a bluebird and have several bluebird like notes. They appear at a distance very black because of the rich chocolate brown of the breast. They seem to be very strong fliers.

July 28 Went to other end of crest again

fewer birds seen apparently feeding and then flying to the cliffs mostly males seen. Shot one female that flew from a low crack. She was evidently sitting on second set of nearly fresh eggs. Male flew out to the near vicinity and on shooting the female flew out will retrieve later. Found a nest of three young siskins. Nest in a tamarack 8" in diam. Nest 20 ft up in tuft of limb very much like a Cassin finches nest. Birds came to feed and then sat on

young. The behavior of the parents was almost identically that of goldfinches, even to corresponding notes. Nest in fairly open woods chiefly tamarack. Saw young Clark crows (nearly) full fledged. Young creepers near camp. "Wand" Collected an adult sandpiper in the rocky meadow at the south inlet. This bird was raising the young (collected) and no other bird was found at any time during the various visits to the meadows, was a male.

24

a1.

26

Went to the San Joaquin R. and Rainbow Falls for reported black swifts. Many families of both kinglets, Creepers and Cardinal inches seen. Collected a male sandpiper taking care of just hatched young (one egg unhatched) two other sandpiper in the vicinity at any time. While sitting at Soda Springs Meadow watching Sandpipers three Pine Grosbeaks were discovered in the trees overhead (male and 2 full grown young just coming into first

fall plumage. All three birds collected. They were giving a note something like a Cassin Finches note but larger somewhat resembling a young Bl. Headed Grosbeaks call. It was not definitely whether all three or just the young were giving this note. The birds were tame and in every acted and sounded as they have in Zenaya Country meadow with clumps of Tamarack Pine. 7600 ft. At rainbow falls no Swifts were

seen but it is a very likely place (wet grassy ground cliffs near the falls.

27 Went out to collect a few birds to skin during the morning. Afternoon went to twin lakes. Very interesting country lakes shallow with many meadows large cascade coming into upper lake. Many Audubon Warblers and Kinglets with young. At south inlet of lower lake found a set of 4 pipers (Catalog 28) also found a Ruffed Grouse's nest (full

27 - 28

twenty later. Heard first Horned Owl hoot about 10 P.M. o'clock across on the N. W. side of Lake Mary

28.

Went SE up the Mammoth Valley. Many young Cassin Finch and Hermit Thrush just out of the nest. Country broken with rock outcrop meadows woods. Good Crossbill and Pine Grosbeak Country. Several small lakes and many ponds and good looking trout streams.

Sheep have been run over part of the land. Valley rises slowly but the streams have many cascades (with ouzels) Saw a leucostete down among the timber on a small snow bank on a few rocks.

Saw a hawk "gos hawk" went to the head of the valley which is inclosed by cliffs (iron ore) with a pass of solid rock slide between which is literally infested with families of leucostete. Birds in poorer plumage than

earlier. There must be thousands of birds in this rock slide pass. It is easy of access and because of the number of birds a fine nesting site would make the best place for collecting nests.

30 Went up Mammoth Creek again, with the family. Holmes fished in the morning catching 13 large ones and 5 caught 5 in the afternoon. Shot Cinnamon Teal for Nan in the morning. Birds still tame and the weather cloudy and

12 aug 1

30 — 30 — 32

still as it was yesterday. Bird do a great deal of fly catching.

30 Went up Mammoth Creek with Van. Caught a large fish. Holmes and Van went on up to the Leucosticte, but found them wild. Weather clear and windy and the birds were not flycatching. Saw several leucostes near the creek in the timber. Saw a fine aug male goshawk.

1 Went to the San Joaquin R. for

July 29 5

aug 1 82 aug 2

Pine Grosbeaks last day
none. Shot a Slender-bill
Nuthatch which seems
to show some characters
of the White Mt. form.
Birds very quiet on
the whole. It was
again noted that on
this side of the divide
the birds respond to
the Saw-whet Owl note.
29 Collected a few skins
in the morning. Balloons
left for Bishop in the
afternoon. Went around
Lake George for snow
Aug. 2. Spent the day
in camp packing etc.
walked to twin lakes

in the morning.
Aug 3. left at 10 a.m.
for Mono Lake. Passed
thru more or less
rolling country covered
with yellow pine forest.
The trees on the ridges
had been badly blown
(recently smo.). Mono
lake country very
desolate appearing
but there seem to be
some birds of interest
here. The gulls are
thru nesting and so
will not make a
trip to the islands.
There are thousand of
birds on the lake

and they must nest very commonly on the islands.

Aug 4 Went to the top of a near by grade to hunt sage hen but found them very wild altho ~~I~~ few seen. They inhabit here the ashes sinegas and the sage near by. Many sage thrashers seen. Afternoon went around shore of lake found where a colony of violet green swallows had nested in an lava outcrop - saw several magpies and

got two. There is a small marsh here which is rather interesting Nev. Savanah Sparrow, Modoc Song Sparrow, marsh Wren, young Virginia Rail, young violet green swallow Wilson Phalarope (winter plumage) and young also Northern Phalarope and spotted sandpiper, dead gopher (carried) found. Aug 5 Skinned birds all morning afternoon went to the meadow Aug 6 Went on old road around the lake

very dry and lifeless.
Tall sage brush with
sage sparrows and
Desert Sparrows. Pinon
pine covering the hills.
The lake is in a very
large basin and if full
the old shore lines
would be immense.
The water in the lake
contains many
minerals it smells
some when swimming
but has a great cleaning
power. The lake is
infested with a small
animal about ½" long
called locally shrimps.
All the birds on the

lake must feed on, there is there is no fish of any kind.

Aug 7 Rose early at 8.30 and started for Windy, Sandy dry sage brush hills. Came down Virgin Creek to Kingston Valley and saw some magpies and Nighthawks flying. Went thru Kingston Canon & Tantalized to the Parowan valley with fine view of the Valley. After we closed into Parowan the country was covered heavily with small timber.

7— 8

Country near Truckee marshy and meadow. Saw W. snipe, Sp. sandp. Phalarope, Mud hens in sloughs. Camped between Truckee and Carson City in a large plateau in pine timber. Wood & water.

Aug. 8 Went into Carson City and saw the forest tracks in the state library yard. Tracks of a sparrow hawk in sedimentary rock. Specimens carefully preserved. The mud with the tracks in it

having been solidified. Cracks exposed often digging away many layers of sandstone deposited on top. Went west thru mountains 15 mi to Brockway on Lake. Wonderful views of Lassen and Lake Valley. Beautiful ride around lake to Tahoe where we camped with the Vans again. Many W. Warblers Hermit Thrush Ruby Crowned Kinglet. Western Flycatcher and Black Throated Gray also Cassin Vireo. Birds on the whole rather quiet. Noted

a Cal. Lay on the grade between Carson and Tahoe on the Carson side of the mts in Nev. on a sunny brush hillside sheltered about 6 ogt.

Aug 9 "Van" reports that Phillips Creek not good for camping. Decided to leave "Vans" and start north. Country around W side of lake very pretty. Dense timber but more people near Tahoe City. Travelled down Truckee River to Truckee (Very pretty Valley but only one camp place. Went up

to Donner lake and
Camped. Donner country
rather pretty but does
not look extra good
for collecting. Saw the
first Crested Jay at Donner
at our camp on the
East end of the lake.
In the heavy timber
near Donner found
a family of young
Goshawks. They would
come close to ~~with~~
when called or without
call. They gave the
cry and cackle of all
goshawks and Coopers
similar to those in
Yosemite. Three young

9—10

Shot 2 males one female (much larger). No other young were seen. Bleeding kingbird and Cassin's P. Finches seen. (Family) of spotted sandpipers full grown on the lake in the evening.

Aug 10 Went out in morning and heard a Goshawk call but by the wariness of the bird and the low pitch of the note we judged it was a Sharp-shin. Saw Flycatcher, Flicker

hill and Red Br. Muthatchy
seen. Left about Noon
for Truckee. Left Truckee
2.30 for the feather
river region. Country
heavily forested or else
lumbered elev. around
5-6 thousand rolling
country. Passed thru
Sierra Valley which
is very large ~~and~~
with many meadows
and marshes on the
crest of the hills.
Continued on over
into Mohawk Cr.
a branch of Feather Riv
and Camped at about
5000 ft among Yellow

Sugar Pine Douglas and Silver Fir and J. Cedar forest. Immense Trees very dense and undisturbed by fire or logging. Many Butterflies (not plenty) Odors seen. Partly Working but no birds seen or heard. Fox Sparrow and Mountain Quail Present. Weather warmer than last two nights. Heard a horned Owl.

Aug 11 Broke Camp and started for Feather River. Turned back from Feather River to Sierra City. Camped at Gold Lake

11 - 12, 1

on the way elev. 6400. Fir Tamarack and Yellow Pine Timber. Aug 12 Heard a Pine Grosbeak over camp and dad succeeded in collecting it in a spear by meadow. The bird was in poor plumage but had considerable red with a few feathers on the rump almost yellow. Located an Arctic three toed woodpecker drumming. The drum was unusually loud and slow for a bird of its size. Shot at

and wounded it but it flew and could not locate it. Afternoon went to South side of the lake and found some 7 small lakes in the timber with meadows but no Aspens. Ideal places for Rusty Grackle Crow and Three toed Woodpecker but none were seen. The birds are much more in evidence in the early morning while practically nothing is seen later. Saw a Blue Heron and Cormorant on one of the

grassy lakes in the thicket. Many evening Grosbeaks seen and heard. No Goshawks but nevertheless fine country for them. This lake and meadow country must be fine but wet in June.

Aug 13 Rained during the night. Birds out in the morning but nothing unusual. Broke camp before nine and went on towards Sierra City. Passed down the North fork of the Yuba River (a very thickly wooded

narrow and beautiful
cañon. Crossed the
other two forks of the
Yuba to Auburn
Camped 20 mi east
of Sacramento at
Roseville. Heard and
saw Pacific Nighthawks
plainly and abundantly
at Roseville near the
foothills. Heard Cal.
Purple & much Empidonax
in the mountain
cañons at 3. and 4. thousand
ft. elev. The foothill
country around Grass
Valley is very beautiful
and would be very
beautiful and picturesque

in the spring as would. Gold Lake also. Many oak and maple lined canons in the foothills.

Vicinity of Mammoth

Breeding birds of Future +

1	Yellow Rail	O	July	1 — or earlier
1	Wilson Phalarope	Y^{so}	June	20 +
1	Spotted Sandpiper	C^{ng}	July	1
1	Mountain Quail	Y^{o}	June	15 +
1	Sage Grouse	Y^{o}	Apr-May	
1	Cassin Vireo.	Y^{I}	June	1 —
1	Williamson Sapsucker	Y^{o}	May	20
1	Sierra R. B. Sapsucker	Y^{o}	May	20
1	Calliope Hummer	ET	July	1
	Olive-sided Flycatcher	O		
1	Wright's Flycatcher	ET	July	10
1	Traill's Flycatcher	ET	July	10
1	Wood Pewee	ET	July	1 +
1	Clark's Nutcracker	Y^{o}	Apr.	
2	Bl. Billed Magpie	O	June	July
	Piñon Jay	O		
1	Yellow-headed-Wing	Y^{o}	June	25 -
1-2	Lincoln's	Y^{I}	June	25 +
2	Cassin's Finch	ET	July	1 - +

Vicinity of Mammoth

Breeding birds of Zubrut (+ bird heard 5.25)

Whitmore Tubs		Found by Dawson
" "	4	pair seen
Lake Mary	4	pair seen
Mammoth	1	" "
Whitmore Tubs	5	broods
Lake Mary		few pairs
Mammoth Lakes		common
Mammoth		fairly common
Mammoth up		fairly common
Mill Creek	1	Pair
Mammoth and Lakes		common
Mammoth		fairly common
" and Lakes		common
Mammoth Lakes		fairly common
Hot Creek		few pair
Casa Diablo Region		
Mammoth		common
Mammoth Crest		fairly common
Mammoth Lakes		Common

1-2	Pine Siskin	Y	13	July 1 +
1/2	Savanah Sparrow	E T		July 1 — +
2	Brewer Sparrow	E T		July 1 +
1-2	White Cr. Sparrow	E T		July 1 +
1	Vesper Sparrow	Y	3	June
2 1/2	Sage Sparrows	S G O		July 1 +
1	Lincoln Sparrow	Y	1	June 25 +
1	Fox Sparrow	Y	0	June 20
2	Gr. T. Towhee	E T		July 1 +
1	Western Tanager	E T		July 1 +
1	Cliff Swallow	E		July
1-2	Barn Swallow	Y	1	July 1 —
1	Yellow Warbler	E T		July 1
1	Audubon Warbler	Y	1	July 1
1	Testolated Warbler	E T		July 1
2	Sage Thrasher	E T		July
—	Rock Wren	Y	0	—
1	Slender bill Nuthatch	Y		June 20
1	Pygmy Nuthatch	Y		

Mammoth Lakes	Common
Whitmore Tubs	Common
Mammoth	Common
Mammoth Lakes	"
Mammoth	"
Whitmore	Few Pair
Mary Lake	few pair
Mammoth	common
"	"
Mammoth and Lakes	fairly Common
Whitmore Tubes	common
Hot Creek	few pair
Mammoth Creek	common
Mammoth Lakes (Twin Lakes)	common
Mammoth Lakes	fairly "
Whitmore Tubs, Mammoth	common
Hot Creek	common
Mammoth Lakes. San Joaquin R.	few Pair
Saw Mill	few pair

1	M. Chickadee	Y		June 15
1	S. Creeper	Y		June 25
1	Golden C. Kinglet	Y		July 1 — +
1	Ruby C. Kinglet	E	T	July 1 — +
1	Cliff Back Thrush	breeding birds		— —
1	Townsend Solitaire	nest found		— —
1	Hermit Thrush	E	T	July 1
1	W. Bluebird	Y		July 1
2	W. Robin	E	T	July
1	Pacific Nighthawk	breeding birds		July 15
2	Th. Junco	E		July
2	Water Ouzel	Y		June 15

Mammoth Pass — Common
Mammoth Lakes — few Fairly
Mammoth Pass Trail — few Pair
Red meadow
Everywhere — very common
Mammoth — fairly common
Mammoth Lakes — very few pair
Everywhere — Common
Mammoth Lakes — Several pair
Everywhere — Common
one pair seen at Whitmore
Everywhere — Common
Twin Lakes, San Joaquin R. — fairly common

Birds

Empidonax Wright breeding ♀ ♂

Mammoth July 6/23

Nests Located

1. Junco July 4 3 eggs
Return July 6 Fri
Taken July 6 4 eggs

2. C. Purple Finch July 4 building
Return July 11-0 Wed.
Taken July 11 4 eggs

3 Solitaire July 4 first round
Investigate July 6 10-1 ~~Fri.~~ Wed
Nothing doing

4. C. Purple Finch July 4 probably building
Investigate July 6 10-1 ~~Fri.~~ Wed
had young July 11 [illegible]

5. Flycatcher July 5 1 egg
Return to ~~investigate~~ July 11-0 ~~Fri~~ Wed
Taken 3 eggs & one July 11 building

6. R. Cr. Kinglet July 5
Return July 15 or 16 Sun. or Mon
Taken July 14 comp 5 fresh

17 Traill Flycatcher
July 11 1923
Mammoth Mono Co. Calif.
Set unmarked 3
Incb. fresh
Nest in creek alder
bush 4½ ft up over
water. Nest Made of
bark with streamer of
bark below.
18 Sage Thrasher
July 12 1923
Mah whitmore Tuolumne
Co Calif.
Set unmarked 4
Incb advanced
Nest in nevada sage
bush ½ ' up made of
bark of same. See data for
set 14

19 Green-tailed Towhee
July 13 1923
Unmarked ♀
Hot Creek Mono Co Calif.
Incb. ♂ slight
Nest of grass no hair
lining 3½ inside diam.
placed in sagebrush
sage 15" up. Bird flew
from nest and did
not run along the
ground as was noted
in set 11.

20 Yellow Warbler
July 15 1923
unmarked ♀
Mammoth Mono Co Calif.
Incb. fresh eggs
Nest of aspen and

willow bark 1¼" wide diam
2½" deep, compact, lined
with a few feathers in
small shot willow thicket
in a thick clump of
leaves near a ½" branch
nest. 3 ft from the
marshy ground.
21 Sage Thrasher
July 15 1923
marked 3 set of 3
Vicinity of Whitmores
Inyo Mono Co. Calif.
Sage brush
Nest identical with
those of set 14, 19
22 Western Tanager
July 15 1923
marked 3 nest

Mammoth Mono Co Calif
Nest 5 or 6 day inch
Nest very flimsy made
of twigs and rootlets
could be seen thru
readily. Located 12ft
from the trunk of a
Jamrack Pine 15 ft up.
Bird seen at nest on
the 7th thought to be
building, next day
no difference and
practically gave up the
nest but found the
bird setting on 15th. There
was evidently 1 or 2 eggs
on the 7th and 8th

23. Western Wood Pewee
July 16th 1923

unmarked 3 in set
Vicinity Mammoth Mono
Co Calif.
Incub 7 days
Nest made fibre fine
bark a few feathers covered
with cobwebs compact
2" diam 2½ high placed
upright on a bare horizontal
limb to small branche
near the nest. 15 ft up.
Bird sitting (Not on a
dead limb or tree).

24 Calliope Hummingbird
July 16 1923
unmarked set of 2
Vicinity of Mammoth
Mono Co Calif.
Incub fresh

Typical nest under a limb of a tamarack tree on a ½ branch 8 ft from the tree trunk. 30 ft from the ground tree 20 in diam. Bird building after one egg was laid. Nest made with bark cowhairs cotton. Bird tore up and old nest for material.

25 Ruby Crowned Kinglet
July 17 1923
Ingtarbird comp set of 5
Local. Red's Meadow
~~middle~~ North fork of the San Joaquin River Madera Co
Vicinity of Mammoth Lakes
Mono Co Cal. Near Dirt

Prof Pls. Flattened Monument
Limb fresh
Nest in a red fir
15 ft up 12 ft from the
trunk on end tip of
a fir limb. Nest taken
Made of bark fibre, moss feathers hair etc
cocoons, spiderweb, spider egg
Bird incubating when
female finished laying
Nest somewhat flimsily 6" deep
cup nearly 2" deep top rim
almost closing over opening
diam outside at top 3". Walls
$\frac{3}{4}$" + thick.
26. Sage Thrasher
July 18, 1923
~~marked~~ marked 4/3
Local. ~~Mammoth~~ Whitmore Tank, Mono Co. Calif.

Incb. fresh
Nest typical see
sets 14, 18, 21
27 Barn Swallow
~~July~~ Aug 4 1923
Incb. very slightly
unmarked Four
Local Mono Lake Calif.
Nest in a cave on
the rock surface.
Nest made of mud
as phoebes but well
lined with feathers.
Another nest found
near by with 4
heavily incb eggs.
Birds sitting.

12. Brewer Sparrow
July 8. 1423.
unmarked. Comp three
Local. Mammoth Mono Co Calif.
Inc. very slight
Nest in ~~Nevada~~ small shrub not sage
15" up made of twigs lined with rootlets not hair.

13. Western Robin
July 8 1423
unmarked comp three
Local Mammoth Mono Co. Calif
Inc very slight
Nest in Aspen 8 ft up
typical made of mud of very large size.

14 Sage Thrasher
July 10, 1923
Set unmarked three
Local. Whitmore Tubs
Mono Co Calif.
Inch flush
Nest in small Nevada
sage bush made of
sage bark about the size
of a mockers nest lined
with bark entirely. Nest
about ~~the~~ 10" from the
ground. Bird flushed at
about 6 ft. Birds
came back close but
gave no note. made photog very
15 Cassin Purple Finch
1 July 16, 1923
Set unmarked 4

female taken
Local Lake Mary Inlet
Mammoth Lakes Mono Co Calif
Incub very slight · fresh
~~Nest~~ Nest very flimsy of
a few sticks lined with
rootlets fairly well cupped
about 2½" across inside
not very visable from
below. Located in Lodgepole
35 ft up on limb not
horizontal 6 ft from the trunk
Tree 50 ft tall. (See notes on
locality journal July 4)
Bird flushed when very
close in the tree. nest taken
16 Wright's Flycatcher photoed by V.M.
July 11, 1923
Unmarked tree
Local Horseshoe Lake

Mammoth Lake Mono Co Calif.
Inc slight
Nest in small bunt over
lodgepole hanging partly
nest covered over with
cobwebs to bind it. Located
about 5½ ft up in dense
pine timber. Bird and nest taken.
Nest made of grasses
principally some dark
fine feathers and what
was apparently some
wasps nest. Nest had a
streamer as is customary
with empidonax.

8 Thurber Junco
July 6, 1923
Unmarked 4 in set
Local. Lake Mary inlet
Mammoth Lakes, Mammoth,
Mono Co. Calif.
Imb. fresh
Nest on ground in
meadow grass under small
dwarf willow. Nest typical
lined with hair. Rim of
the nest flush with the
ground. Bird flushed from
three eggs July 4
7. Sierra Hermit Thrush
July 6, 1923
Marked B/4 three in set. Comp.
Local. 1/4 mi from Mammoth
Mono Co Calif.

Incb. commenced
Nest in aspen tree in a
grove made of sticks
lined with fine rootlets. 5 ft up
Bird stayed near the
nest and clucked a great
deal.
10 Wright's Flycatcher
July 6 1923
Unmarked 4
Local ¼ mi from Mammoth
Mono Co Calif.
Incb slight
Nest in aspen shoot 1½ up
made of aspen bark a few
feathers and hair in lining.
Bird collected nest collected
One egg fresh and very
thin shelled. Two of the

eggs have faint spots.

11. Green-tail Towhee

July 7 1923

unmarked Complete 2

Local: Mammoth Mono Co. Inc. heavy are more than other

Nest in Artemisa sage on flats. about 6" above ground made of shreds lined with hair. diam inside 4". Bird flushed by running along the ground appearing as a chipmunk. This is the typical flush of this Towhee

Another nest with 2 young unable to fly found.

Data

1. Nevada Savanah Sparrow
July 2 1923
unmarked 6
Local. Avens river
Meadows near Witmore
Lake
Feb 7 (Second set for season)
Fresh and slight
Nest in meadow, very
wet. Grass short ground
wet. Nest in tuft of
dry grass nest built
among grass. Nest made
of grasses. Bird flushed
at 1½ ft and fluttered
wing. Birds did not come
very near. Many others had nests
(nest taken)

2 White. Crowned Sparrows
July 2 1923
unmarked 4

Local. Lake Mary Mammoth
Lakes Mammoth Caly.
Incb. ~~Inc~~ advanced.
Nest as found in
Swamps in small tamaracks
Many scattered pairs.
Birds sit very close
and are rather quiet
around nest with
eggs and it flushes.
One nest of young
found.

3 White Crowned Sparrow
July 2 1923
Marked B/4
Local. Outlet Mary's Lake Mammoth
Incb. fresh
Nest 5 ft up in tamarack
thicket. See notes for set 4

4. White C. Sparrow
July 4 1923
Marked C/4
Local. Lake Mary inlet
Mammoth Lakes, Mammoth.
Calif.
2 incb. fresh
Nest in hemlock 2½ ft up
see notes on set 2 nest taken

5. G. Pikolated Warbler
July 4, 1923
unmarked five
Local. Lake Mary inlet
Mammoth Lakes, Mammoth
Mono Co. Calif. 5 in set
Inc 2 fresh 3 slight
2 fresh eggs buried finally
in lining.
Nest made of twigs leaves

leaf mold set flush in bank overhung by stubs and small willows. Bird flushed at 1½ ft distance after one had passed. Nest Yahna

6 Hermit Thrush

July 7. 1923

Nest of sticks lined with fine twigs in tamarack 7 ft up tree 60 ft tall. Nest in plain site bird sitting. Bird did not appear after leaving. Male singing at a distance of 160 yds.

4

Time. Spotted Sandpiper

July 4 1923

Marked 1

Local Lake Mary Inlet

Mammoth Lakes, Mammoth, Mono

Co Calif.

Incb - fresh

Egg taken from oviduct

of bird in above locality

Egg thin shelled and not

finely spotted. Shot

fertilated egg.

	1.	~~5.00~~
	2	4.00
	3	4.00
	4	4.00
6.30	5.	~~4.00~~
	6	10.00
	7.	
	8.	3.00
	9.	7.50
6.00	10.	~~7.00~~
	11.	2.00
	12	3.00
30	13	~~.50~~
	14	3.00
4.00	15	~~6.00~~
4.50	16.	~~5.25~~
	17.	.75
	18.	4.00
	19.	3.00
.60	20	~~1.00~~
	21.	3.00
3.75	22	~~5.25~~
.90	23	~~.75~~
40.00	24	6.00
	25	~~25.00~~
←	26.	3.00
.4027		

187.08

1 O.K. Nevada Savanah Sparrow 2/6
2. O.K. White Crowned Sparrow 2/4
3 O.K. White Crowned Sparrow 1 4/2
4. O.K. White Crowned Sparrow c 4/4
5. O.K Golden Pileolated Warbler 4/5
6. O.K. Sierra Hermit Thrush 4/4
7. O.K. Spotted Sandpiper in im. 4/1
8. O.K. Thurber Junco 6/4
9. O.K. Sierra Hermit Thrush 6/3
10. O.K. Wrights Flycatcher 6/4 7/2
11. O.K. Green-tail Towhee 8/3
12. O.K. Brewer Sparrow 8/3
13. O.K. Western Robin 10 3/3
14. O.K. Sage Thrasher 11/4
15. O.K. Cassin Purple Finch 11/3
16. O.K. Wrights Flycatcher 11/3
17. O.K. Traill Flycatcher 12/4
18. O.K. Sage Thrasher 13/3 15/4
19. O.K. Green Tail Towhee 15/3
20. O.K. Cal. Yellow Warbler 15/3
21. O.K. Sage Thrasher 16/3
22. O.K. Western Tanager 16/3
23. O.K. W. Wood Pewee 1 7/3
24 O.K. Calliope Hummingbird 17/3
25 O.K. Ruby Cr. Kinglet 18 5/3
26. O.K. Sage Thrasher

V27 OK Barn Swallow aug 4

4